

## Patent Abstracts of Japan

PUBLICATION NUMBER : 59198188  
PUBLICATION DATE : 09-11-84

APPLICATION DATE : 27-04-83  
APPLICATION NUMBER : 58072968

APPLICANT : CANON INC;

INVENTOR : TOGANO SHIGEO;

INT.CL. : B41M 5/00 D21H 1/28 // D21H 1/38 D21H 3/48

TITLE : RECORDING MATERIAL

ABSTRACT : PURPOSE: To provide a recording material for ink jet recording excellent in color forming property of an ink, high in resolution and excellent in both water resistance and light resistance, wherein a quarternary compound of polyethyleneimine is incorporated in a base or a coated layer provided on the base.

CONSTITUTION: A quarternary compound (preferably, having a conversion to quarternary compound of 10~50%) of polyethyleneimine (preferably, having a molecular weight of 5,000~10,000) is incorporated into the base in a paper-making step or the like, preferably in a quantity of 0.05~2wt%, or the quarternary compound is added to a coating liquid, preferably in a quantity of 0.03~20% and the liquid is applied to the base, preferably, in a quantity of 2~30g/m<sup>2</sup> (by dry applied weight), to obtain the objective recording material.

EFFECT: An ink is speedily absorbed into the inside part of the recording material, and even when recording liquids of different colors are adhered overlappingly to the same part in a short time, flow-out or exudation of the recording liquids does not occur.

COPYRIGHT: (C)1984,JPO&Japio